

RANGE EXTENSION OF
MUHLENBERGIA SOBOLIFERA
IN NEW HAMPSHIRE

The collection of *Muhlenbergia sobolifera* (Muhl.) Trin. proved to be the most significant record of a two year floristic study conducted on Rattlesnake Island, East Alton, New Hampshire.¹ This was the first record for Belknap County and the second record for the state. The previous record was by A. A. Eaton in Nottingham, September 1899.

The collection was obtained below a shaded ledge on the south facing talus slope. Significant species occurring on the same slope include: *Asplenium platyneuron*, *Hystrix patula* var. *Bigeloviana*, *Silene antirrhina*, *Arabis Drummondii*, *A. missouriensis*, *Ceanothus americanus*, *Prunus susquehanae*, *Specularia perfoliata*, and *Carya ovata*.

This talus slope rising some 400 vertical feet from the lake's surface, resembled closely in species composition a similar talus slope in the Pawtuckaway Mountains, Nottingham, New Hampshire. The slope at Rattlesnake Island is believed to be of the same geologic origin as the Ossipee Mountains some 20 miles to the north and west. Collections are to be placed in the herbarium of the New England Botanical Club, Cambridge, and the University of New Hampshire Herbarium in Durham.

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¹Thesis research conducted from 1964-66 under the direction of Dr. A. R. Hodgdon.